

# **SYMBIOTIC SYSTEM FOR TESTING ELECTROMAGNETIC COVERAGE IN AREAS NEAR EXISTING DISPATCH ROUTES**

5

## **ABSTRACT OF THE DISCLOSURE**

A cooperative system for testing signal strength near a target area selected by a wireless provider is disclosed, using test units installed in the fleet vehicles of an unrelated service enterprise. The system in one embodiment includes an algorithm  
10 for comparing test parameters to the route data contained in the dispatch plan for the fleet vehicles, in order to identify the optimal routes on which to send test units. A computer software product for storing the parameters and executing the algorithms is also disclosed. Signal testing in a target area is accomplished through the symbiotic relationship between the testing units and the fleet vehicles, whereby the wireless  
15 provider benefits from unit carriage along routes already being traveled by the fleet vehicles for a different purpose. This Abstract is provided quickly inform a reader about the subject matter, and not for use interpreting the scope or meaning of the claims.

20